



**EPA Office of Compliance  
Enforcement Targeting and Data Division**

# **AFS National Workshop**

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Media Systems and Support Section, Data Systems and Information Management Branch, Enforcement Targeting and Data Division, Office of Compliance, Office of Enforcement and Compliance Assurance, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460

Utah Quarterly Report Format - SAVE AS ASCII COMMA DELIMITED FLAT FILE

SOURCE INFORMATION	
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Type Code 100 Company Information	Company Manager	Company Name	Mailing Address	City, State & Zip Code	AIRS #	Phone Number	Environmental Contact
100							

Type Code 110 Report Period & Operating Hours	Source	Quarter 1 - 4	Year	Source Operating Hrs in Quarter
110				

## MONITORING INFORMATION & CALIBRATION

[illegible]

<b>Type Code 210</b> Exceed CMS Span	Source	Channel	Start date	Start time	End Date	End Time
<b>210</b>						

[illegible]

Type Code 230 Alternative sampling	Source	Channel	Start date	Start time	End Date	End Time
230						

Type Code 240 CMS Modifications	Source	Channel	Date	Document Attached (Yes/No)	Comments
240					

[illegible]

Type Code 251 RAA's	Source	Channel	Date of RAA	CEM value	Reference Method value	Percen6 Precision	Pass/ Fail	Monitor Range High/Low
251								

[illegible]

Type Code 270 Acid Rain Linearity	Source	Channel	Date	Audit point	Cylinder ID	Cylinder Expiration Date	Type of Cert.	Units of measurement	CEM value	Cylinder Value	Precision (%)	Pass/ Fail	Range - high or low
270													
SUMMARY REPORT													
Type Code 300 CMS Summary Report	Source	Channel	Reserved	Downtime - % of total operating hours	Total CMS Downtime	RC 721 monitor malfunction	RC 722 non-monitor malfunction	RC 723 QA calibrations	RC 724 other known causes	RC 725 unknown causes			
300													
Type Code 310 Excess Emissions Summary Report	Source	Channel	Total hours of excess emissions	Excess emissions - % of total operating hours	RC 701 startup/ shutdown	RC 702 Hours- Control equip. Problems	RC 703 Process Problems	RC 704 Other known causes	RC 705 unknown causes	Emission Limitation	Emission Limitation units	Emission limitation averaging period	
310													
EXCESS EMISSIONS REPORT													
Type Code 400 Excess Opacity	Source	Start date	Start time	Magnitude of excess emissions	Reason code	Action Code							
400													
Type Code 410 Excess SO2	Source	Start date	Start time	Magnitude of excess emissions	Reason code	Action code							
410													
Type Code 411 SO2 Percent Removal	Source	Date	30 day average	Percent removal	Reason code	Action Code							
411													
Type Code 420 Excess NOx	Source	Start date	Start time	Magnitude of excess emissions	Reason code	Action code							
420													
Type Code 421 Daily NOx Emissions	Source	Date	30 day average	Percent Reduction (if required)	Reason code	Action Code							
421													
Type Code 430 Excess H2S	Source	Start date	Start time	Magnitude of excess emissions	Reason code	Action code							
430													

<b>Type Code 440</b> Excess CO	Source	Start date	Start time	Magnitude of excess emissions	Reason code	Action code
<b>440</b>						

<b>Type Code 450</b> Data Excluded	Source	Channel	Start date	Start time	End Date	End Time	Reason code	Action code
<b>450</b>								

<b>Type Code 460</b> Excess VOC's	Source	Start date	Start time	Magnitude of excess emissions	Reason code	Action code
<b>460</b>						

<b>Type Code 470</b> (TRS as O2)	Source	Start date	Start time	Magnitude of Excess Emissions	Reason Code	Action Code
<b>470</b>						

#### OPERATIONS REPORT

<b>Type Code 500</b> Boiler operating day w/o 18 hours of data	Source	Channel	Date	Reason code	Action code
<b>500</b>					

<b>Type Code 510</b> F-factor, Equations & Conversion Factors	Source	Channel	F-Factor	Fuel Type	Equation (Method 19 No.)
<b>510</b>					

<b>Type Code 520</b> Minimum Data not Obtained (<22/30 BODs)	Source	Channel	Date	Document Attached (Yes/No)	Comment
<b>520</b>					

<b>Type Code 530</b> Excess Emissions During Emergency Conditions	Source	Channel	Date	Document Attached (Yes/No)	Comment
<b>530</b>					

<b>Type Code 540</b> Fuel Pre-Treatment Credit (SO2)	Source	Channel	Date	Document Attached (Yes/No)	Comment
<b>540</b>					

<b>Type Code 550</b> Changes in Operation in Control Equipment When CEM Data Not Available	Source	Channel	Date	Document Attached (Yes/No)	Comment
<b>550</b>					

  

<b>SIGNED STATEMENT</b>					
<b>Type Code 600</b> Quarterly Signed Statements Attached	Source	QA/QC Activities Completed (Y/N)	Data Obtained Representative (Y/N)	Minimum data Requirements Met (Y/N)	Compliance w/ Standard Achieved (Y/N)
<b>600</b>					

  

<b>REASON CODES AND EXPLANATIONS</b>			
<b>Type Code 700</b> Excess <b>Emission</b> Reason codes	Reason Code #	Description of Reason code	
<b>700</b>	<b>701</b>	Startup/Shutdown	
<b>700</b>	<b>702</b>	Control Equipment Problems	
<b>700</b>	<b>703</b>	Process Problems	
<b>700</b>	<b>704</b>	Other Know Causes	
<b>700</b>	<b>705</b>	Unknown Causes	

  

<b>Type Code 720</b> <b>CMS Unavailability</b> Reason codes	Reason Code #	Description of Reason code	
<b>720</b>	<b>721</b>	Monitor equipment malfunction	
<b>720</b>	<b>722</b>	Non-monitor equipment malfunction	
<b>720</b>	<b>723</b>	QA Calibrations	
<b>720</b>	<b>724</b>	Other Know Causes	
<b>720</b>	<b>725</b>	Unknown Causes	

  

<b>Type Code 730</b> Narrative Description Assigned to Reason Codes and Action Codes	Reason Code #	Action Code #	Description of action code
<b>730</b>			